

MOAB Frequently Asked Questions

Frequently asked questions about MOAB. Feel free to add new ones if you like, but please follow the formatting conventions I use below. Or, send me your questions (and answers, if you're nice) and I'll add them.

General

- [What's the largest mesh MOAB can read/write?](#)
- [Do you have any sample meshes that I can use to test MOAB?](#)
- [What about geometry models, and relating them to mesh?](#)
- [Why does MOAB use ErrorCode and not exception handling?](#)

Getting Started

- [How do I build MOAB from scratch?](#)

Platform-Specific Questions

- [IBM Blue Gene/P](#)
- [Macintosh](#)

I/O

- [How are boundary conditions represented in MOAB?](#)
- [What happen to my ExodusII blocks, nodesets, and sidesets?](#)
- [How do I get access to the geometric topology used to generate my mesh?](#)
- [I generate my mesh with Cubit; what's the best way to import those into MOAB?](#)
- [Why is MOAB's .cub reader named Tqdcfr?](#)
- [Why doesn't MOAB have a .cub writer?](#)
- [Where can I find out what options are implemented for the various readers and writers in MOAB?](#)
- [Can MOAB read climate data from .nc files?](#)
- [How do I get access to the CCMIO library, for writing Star-CD and -CCM+ meshes?](#)

Parallel

- [How do I build MOAB to run in parallel?](#)
- [How do I tell MOAB to read a mesh in parallel?](#)
- [What partitioning tools can be run with MOAB mesh?](#)
- [How do I visualize a partitioned mesh?](#)
- [Does MOAB implement the iMeshP interface?](#)
- [Ok, I built MOAB in parallel, now how can I get information on a parallel mesh?](#)
- [How do I run the portions of MOAB's test suite that test parallel capabilities?](#)

Developer

- [How do I write a new unit test in MOAB?](#)